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## EUROPEAN PATENT APPLICATION

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### (54) Preventing and treating periodontal disease

(57) A tobacco extract, or one or more chemical compounds characteristic of a tobacco extract, is useful in the prevention or treatment of periodontal disease. The tobacco extract may be obtained from tobacco leaf, part-processed tobacco leaf or tobacco for smoking, in an aqueous solution, for example by gas or liquid phase extraction. Alternatively the compounds may be chemically synthesized. The medicinally active agent may be

a chemical compound containing nitrogen, and it may be one or a mixture of alkaloids, terpenoids and carotenoids. The use of a tobacco extract or one or more chemical compounds characteristic of tobacco extract in the preparation of a medicament for the prevention or treatment of periodontal disease is also claimed. The extract may be in the form of solution, paste, jelly, gum or solid.



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# PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 97 30 1866 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 4 374 824 A (WAHMI HAKEEM V R) 22 February 1983 * column 2, line 42 - line 46 * -----	1-3, 13-16	A61K35/78
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A61K
INCOMPLETE SEARCH			
<p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>see sheet C</p>			
Place of search		Date of completion of the search	Examiner
THE HAGUE		4. August 1997	Rempp, G
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>P : intermediate document</p>		<p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>	



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**INCOMPLETE SEARCH**

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The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.

Claims searched completely:

Claims searched incompletely:

Claims not searched:

Reason for the limitation of the search:

Remark: Although claim 16 is directed to a method of treatment of the human/animal body (Article 52(4) EPC) the search has been carried out and based on the alleged effects of the compound/composition.